CLAIMS

1. A method, comprising:

using credential information stored in a subscriber identity module (SIM)

   associated with a General Packet Radio Service (GPRS) adapter to

   authenticate access to a wireless local area network (WLAN), wherein

   communications with the SIM is carried out using extensible

   authentication protocol (EAP).

2. The method of claim 1, further comprising

issuing one or more requests via a smart card interface to get the credential

information.

3. The method of claim 2, further comprising:

arbitrating the one or more requests to the SIM when the SIM is busy.

4. The method of claim 3, wherein the one or more requests are received by the

SIM via a SIM reader driver.

5. The method of claim 4, further comprising:

receiving the credential information from the SIM after the one or more requests

are processed by the SIM.

6. The method of claim 1, further comprising:

establishing a WLAN connection with the WLAN via a WLAN adapter.

7. The method of claim 6, wherein the WLAN connection is established while there is a connection to a GPRS network via the GPRS adapter.

8. The method of claim 7, further comprising:

issuing a location update to switch data services from the GPRS network to the

WLAN; and

disconnecting from the GPRS network.

9. A machine-readable medium including machine readable instructions that, if executed by a computer system, cause the computer system to perform a method comprising:

using credential information stored in a subscriber identity module (SIM)

associated with a General Packet Radio Service (GPRS) adapter to

authenticate access to a wireless local area network (WLAN), wherein

communications with the SIM is carried out using extensible

authentication protocol (EAP).

10. The machine-readable medium of claim 9, further comprising

issuing one or more requests via a smart card interface to get the credential

information.

11. The machine-readable medium of claim 10, further comprising:

arbitrating the one or more requests to the SIM when the SIM is busy.

12. The machine-readable medium of claim 11, wherein the one or more

requests are received by the SIM via a SIM reader driver.

13. The machine-readable medium of claim 12, further comprising:

receiving the credential information from the SIM after the one or more requests

are processed by the SIM.

14. The machine-readable medium of claim 9, further comprising:

establishing a WLAN connection with the WLAN via a WLAN adapter.

15. The machine-readable medium of claim 14, wherein the WLAN connection is

established while there is a connection to a GPRS network via the GPRS adapter.

16. The machine-readable medium of claim 15, further comprising:

issuing a location update to switch data services from the GPRS network to the

WLAN; and

disconnecting from the GPRS network.

17. A system, comprising:

a wireless local area network (WLAN) adapter;

a general packet radio service (GPRS) adapter coupled to the WLAN adapter

and including a subscriber identify module (SIM); and

a mobility client to initiate requests for credential information from the SIM to

authenticate access to a WLAN when the mobility recognizes an access point,

wherein said requests for the credential information are communicated to the

SIM using extensible authentication protocol (EAP).

18. The system of claim 17, wherein the requests for the credential information

are communicated to the SIM via a smart card interface.

19. The system of claim 18, wherein the requests for the credential information

are received by the SIM via a SIM reader driver.

20. The system of claim 19, wherein the GPRS adapter includes a SIM access

module (SAM) to arbitrate the request for the credential information to the SIM.

21. The system of claim 20, wherein the SAM arbitrates the requests for the

credential information to the SIM while there is a GPRS connection to a GPRS

network via the GPRS adapter.

22. The system of claim 21, wherein the mobility client is further to issue a location update after the access to the WLAN is authenticated and a WLAN connection is established.

23. The system of claim 22, wherein the mobility client is further to drop the GPRS connection.

25. The system of claim 17, wherein the WLAN adapter and the GPRS adapter are installed an open platform.

26. The system of claim 17, wherein the WLAN adapter and the GPRS adapter are combined into one module.

27. A system, comprising:

means for initiating requests for credential information from a subscriber identity

module (SIM) associated with a general packet radio service (GPRS)

adapter;

means for authenticating access to a wireless local area network (WLAN) using

the credential information; and

means for switching data services from a GPRS connection to a WLAN

connection after the access to the WLAN is authenticated.

28. The system of claim 27, wherein said means for requesting the credential information from the SIM includes means for arbitrating requests to the SIM.

29. The system of claim 28, wherein said means for switching data services between the GPRS connection and the WLAN connection includes means for performing a location update.

30. The system of claim 27, further comprising:

means for interfacing with the SIM to send the request for the credential information.